INTERFERENCE INITIAL MEMORANDUM

Count #_____
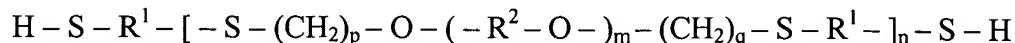
To the Board of Patent Appeals and Interferences: **An interference is proposed involving the following _____ parties**

PARTY Jonathan D. Zook et al.	APPLICATION NO. 10/644,389	FILING DATE November 21, 2002	PATENT NO., IF ANY	ISSUE DATE, IF ANY

If the involved case is a patent, have its maintenance fees been paid? Yes _____ No _____ Not due yet _____

Proposed priority benefit (list all intervening applications necessary for continuity):

COUNTRY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
U.S.	09/756,573	January 8, 2001	6,509,418 B1	January 21, 2003
U.S.	09/318,500	May 25, 1999	6,232,401	May 15, 2001
U.S.	08/928,972	September 12, 1997	6,172,179	January 9, 2001
U.S.	08/802,130	February 19, 1997	5,912,319	June 15, 1999

The claim(s) of this party corresponding to this count:

PATENTED OR PATENTABLE PENDING CLAIMS 22-27, 30-36, 38	UNPATENTABLE PENDING CLAIMS none

The claim(s) of this party NOT corresponding to this count:

PATENTED OR PATENTABLE PENDING CLAIMS 28, 29, 37	UNPATENTABLE PENDING CLAIMS none

PARTY Jonathan D. Zook, et al. Jonathan D. Zook, et al.	APPLICATION NO. 09/802,427 10/368,135	FILING DATE March 9, 2001 July 20, 2003	PATENT NO., IF ANY US 6,525,168 B2	ISSUE DATE, IF ANY February 25, 2003

If the involved case is a patent, have its maintenance fees been paid? Yes _____ No _____ Not due yet ___XX__

Proposed priority benefit (list all intervening applications necessary for continuity):

COUNTRY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY

The claim(s) of this party corresponding to this count:

PATENTED OR PATENTABLE PENDING CLAIMS 1-6, 8, 10-13 (US 6,525,168 B2); 9, 10 (USSN 10/368,135)	UNPATENTABLE PENDING CLAIMS none

The claim(s) of this party NOT corresponding to this count:

PATENTED OR PATENTABLE PENDING CLAIMS 7, 9 (US 6,525,168 B2); 1-8, 11-12 (USSN 10/368,135)	UNPATENTABLE PENDING CLAIMS none

(Check off each step, if applicable) INSTRUCTIONS

- • 1. Obtain all files listed above.
- • 2. Confirm that the proposed involved claims are still active and all corrections and entered amendments have been considered. The patents must not be expired for, among other things, failure to pay a maintenance fee (Check PALM screen 2970).
- • 3. If one of the involved files is a published application or a patent, check for compliance with 35 U.S.C. 135(b).
- • 4. Obtain a certified copy of any foreign benefit documents where necessary (37 CFR 1.55(a)).
- • 5. Discuss the proposed interference with an Interference Practice Specialist in your Technology Center.

DATE	PRIMARY EXAMINER (signature)	ART UNIT	TELEPHONE NO.
DATE	INTERFERENCE PRACTICE SPECIALIST or TECHNOLOGY CENTER DIRECTOR (signature)		TELEPHONE NO.

ATTACHMENT TO INTERFERENCE-INITIAL MEMORANDUM

PROPOSED COUNT

A polythioether comprising:

$$H - S - R^1 - [- S - (CH_2)_p - O - (- R^2 - O -)_m - (CH_2)_q - S - R^1 -]_n - S - H$$

wherein

R^1 is selected from the group consisting of C_{2-6} n-alkylene, and a $-[(-CH_2)_p-X]_q-(-CH_2)_r-$ group;

R^2 is selected from the group consisting of C_{2-6} n-alkylene, and C_{6-8} cycloalkylene;

X is selected from the group consisting of O and S;

m is an integer between 1 and 10;

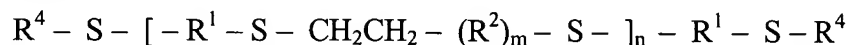p is an integer between 2 and 6;

q is an integer between 1 and 5;

r is an integer between 2 and 10; and

n is an integer between 1 and 60 selected so that the molecular weight of the polythioether is between 1,000 and 10,000 Daltons.

$$- OR -$$

A polythioether comprising:

$$R^4 - S - [- R^1 - S - CH_2CH_2 - (R^2)_m - S -]_n - R^1 - S - R^4$$

wherein

R^1 is a C_{1-10} alkyl, $-(R^3Q)_pR^3-$ or C_6-C_{20} aryl where Q is O or S,

each R^3 is independently C_{1-6} alkyl, and

p is an integer between 0 and 6;

R^2 is C_{1-6} alkyloxy or C_{5-12} cycloalkyloxy,

R^4 is H, C_{1-6} alkyl, C_{1-6} alkyl alcohol and C_{0-6} alkyl substituted with $-[-CH_2CH_2(R^2)_m-]-X$, where X is a halogen,

i

m is an integer between 1 and 4, and

n is an integer selected to yield a molecular weight for said polythioether of between 1000 and 10,000 Daltons.